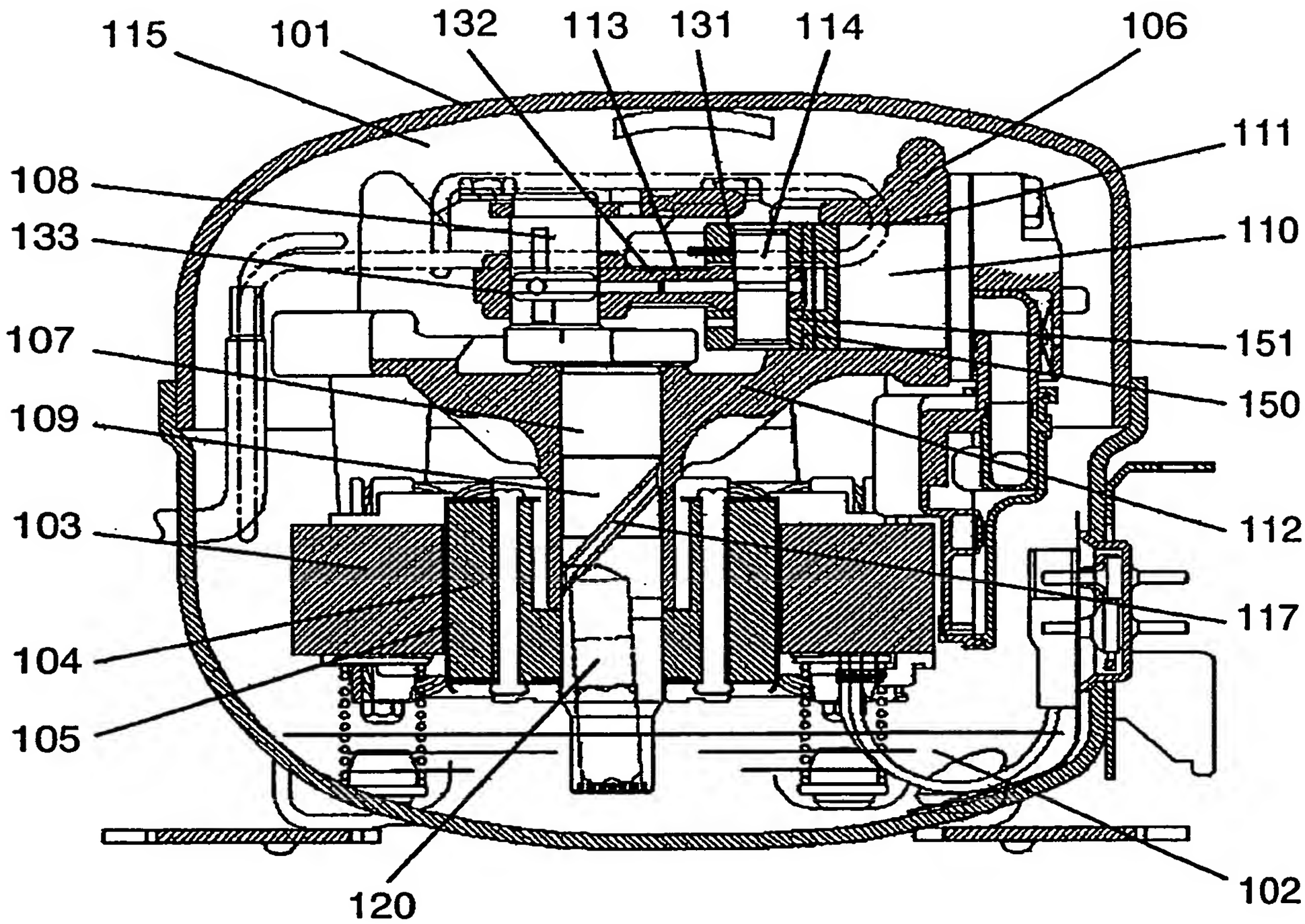
FIG. 1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101
132
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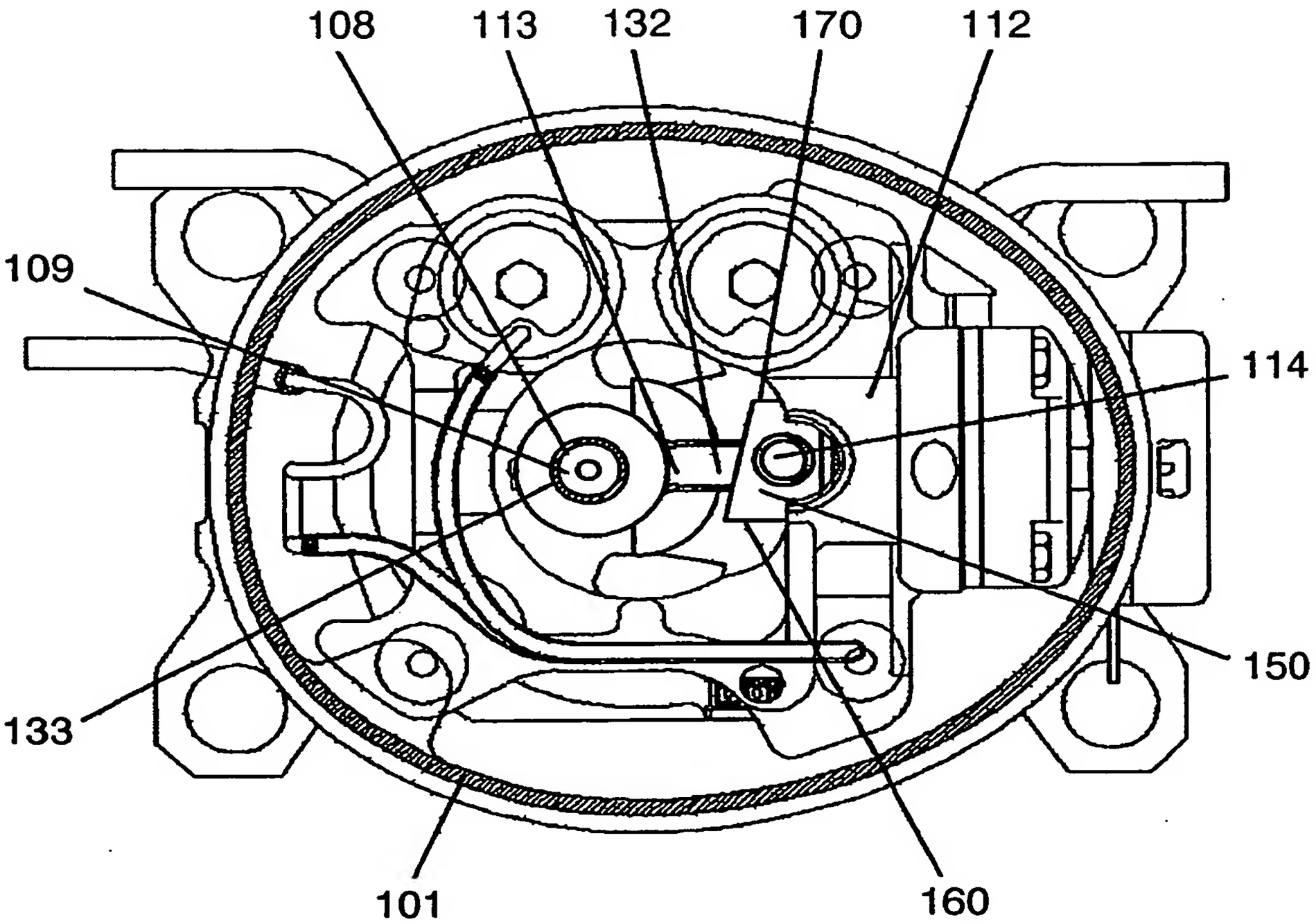
107
151
109
150
103
112
117
104
105
120
102

FIG. 2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114
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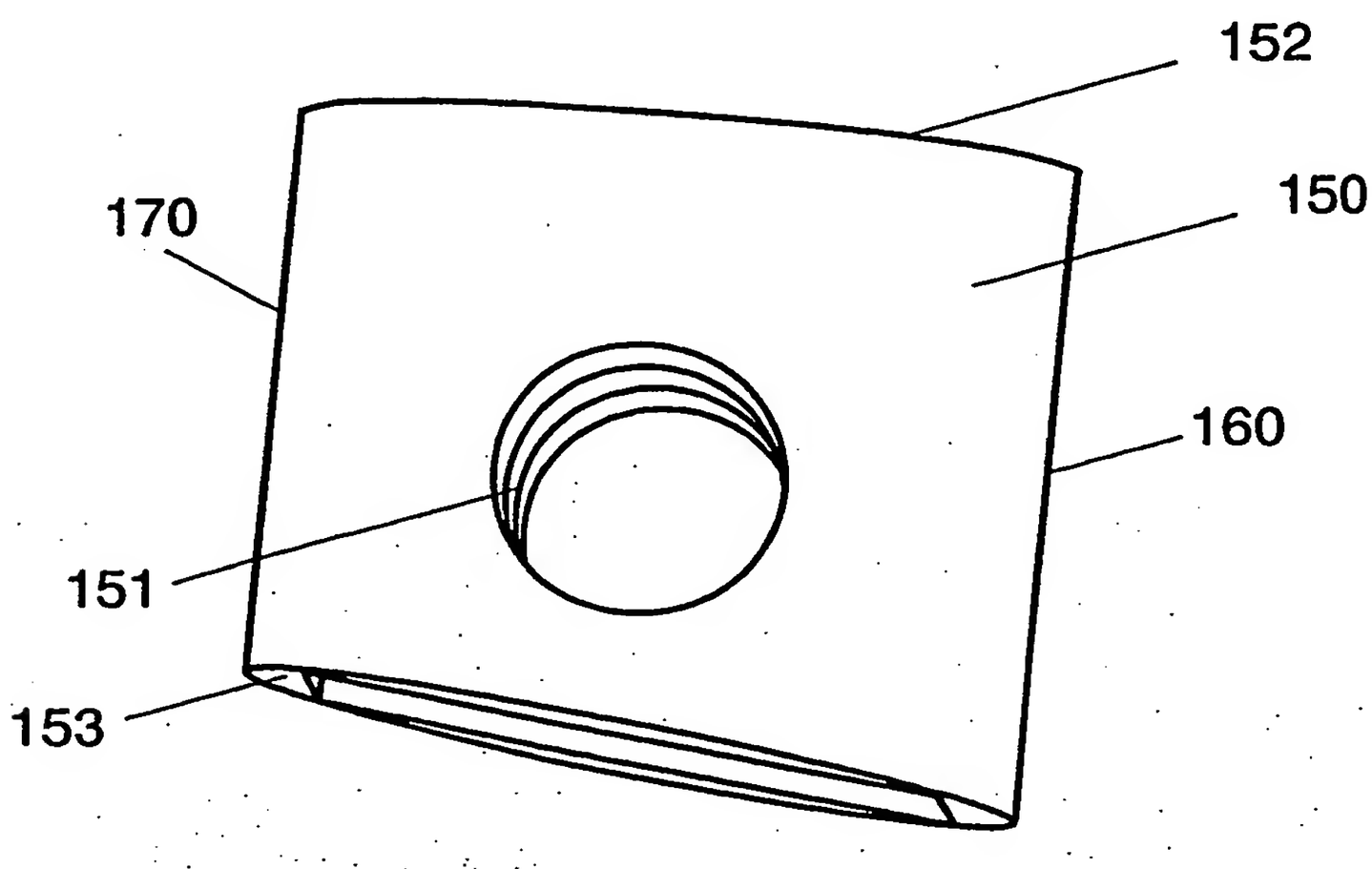
101
160

FIG. 3


152
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150
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151
153

FIG. 4

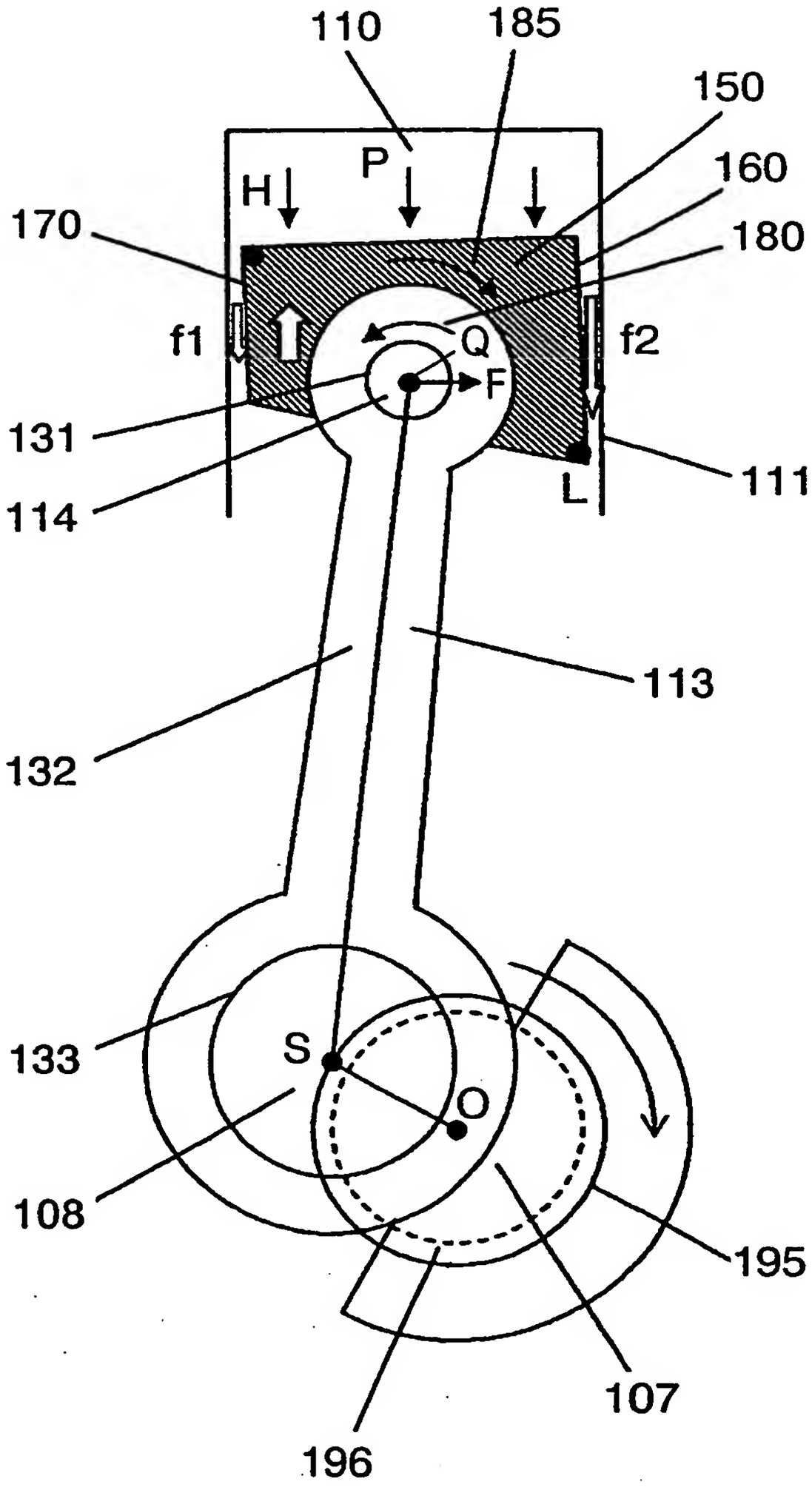

110
185
150
160
180
P
H
170
f1
f2
Q
F
131
114
L
111
113
132
133
S
O
108
195
107
196

FIG. 5

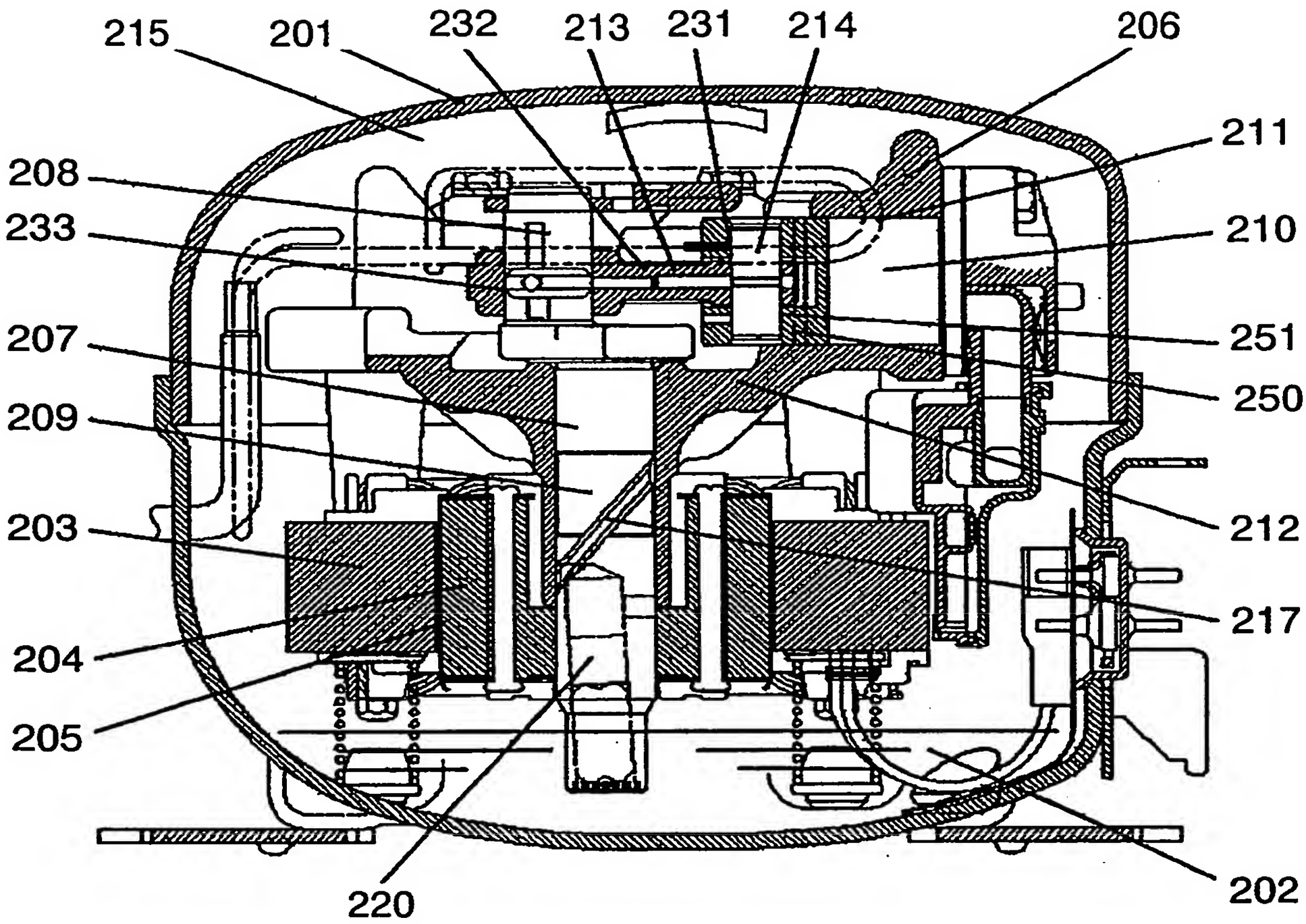

215
201
232
213
231
214
206
211
208
233
210
207
251
209
250
212
203
217
204
205
220
202

FIG. 6

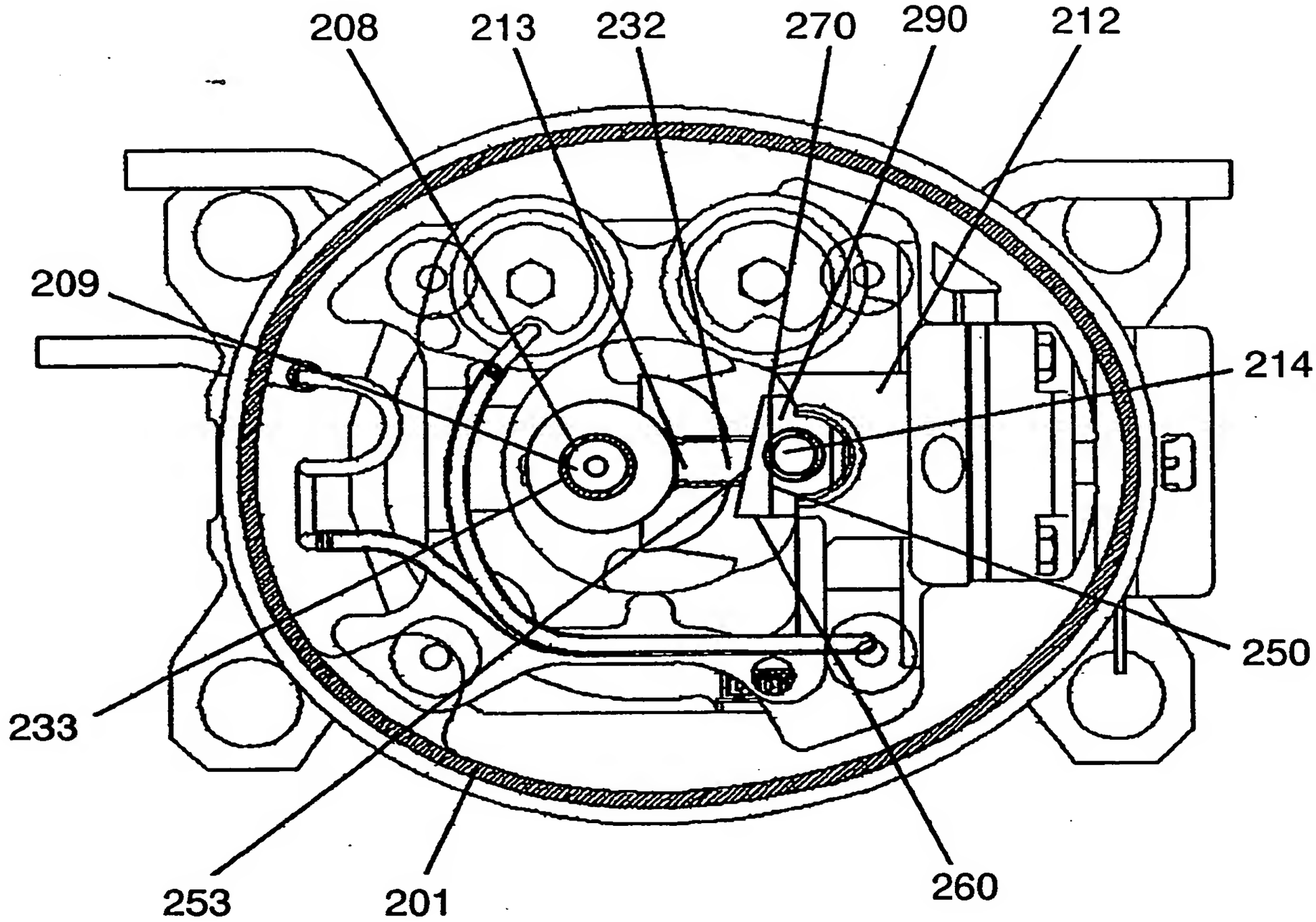

208
213
232
270
290
212
209
214
250
233
253
201
260

FIG. 7

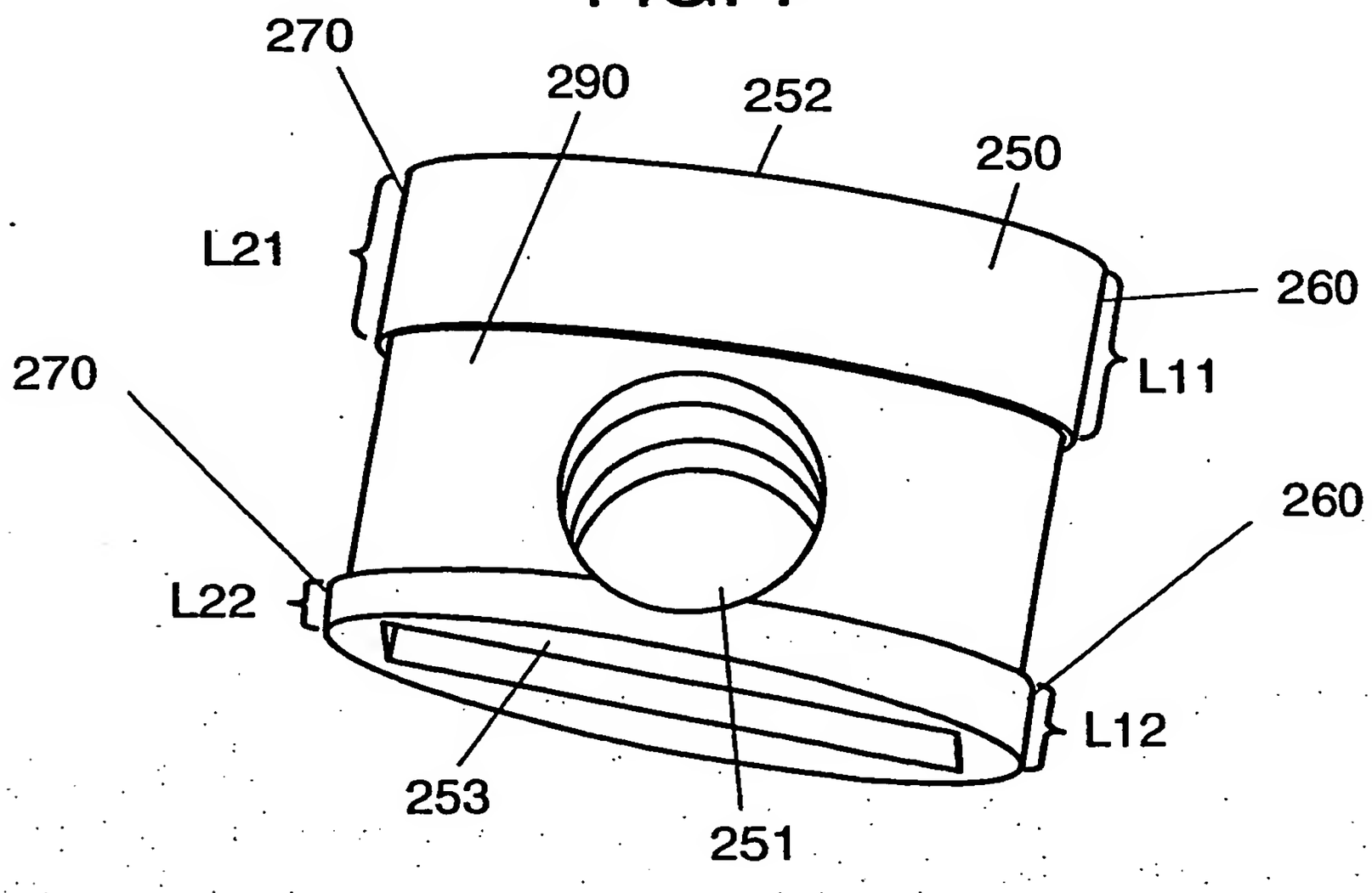
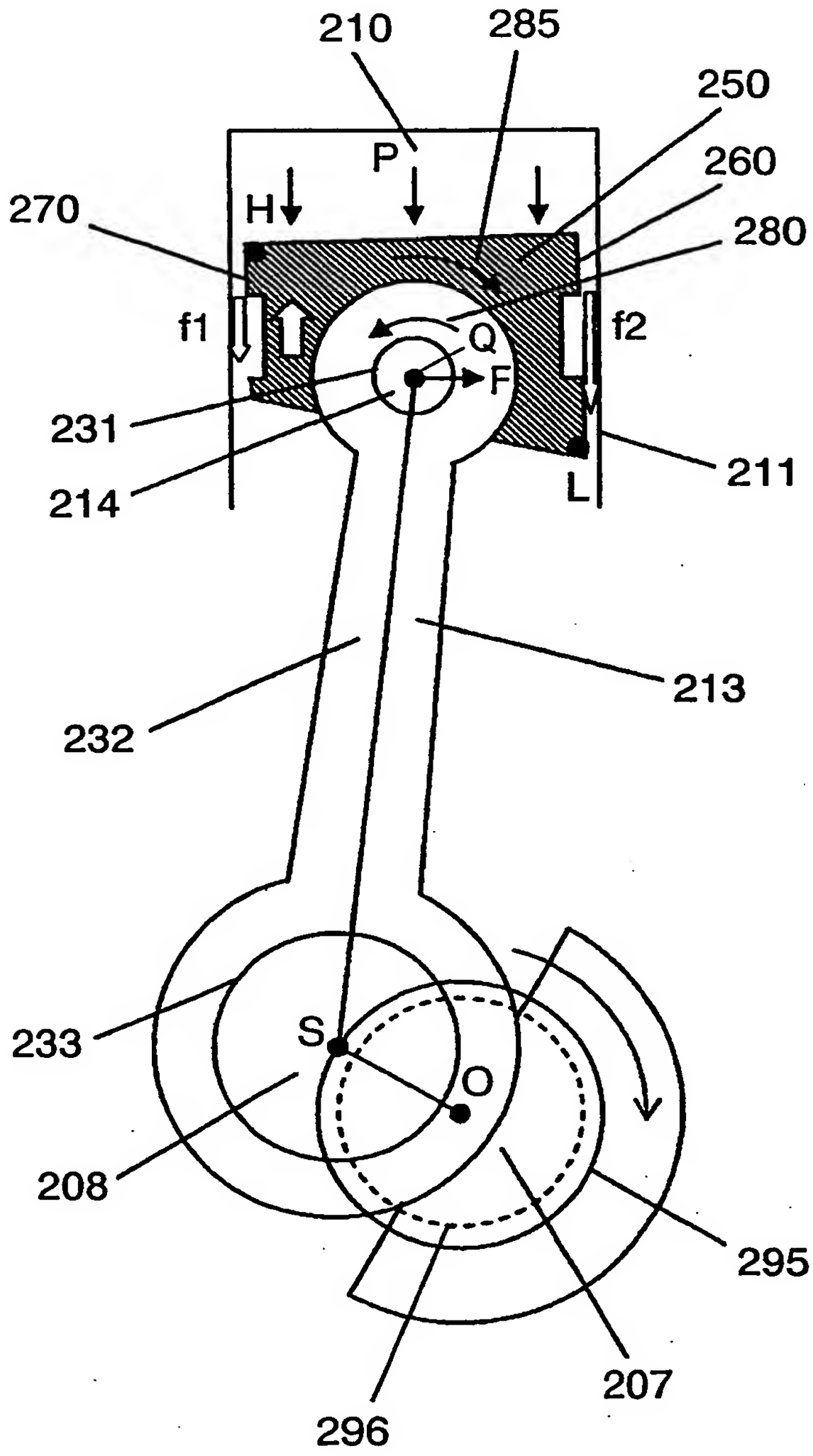

270
290
252
250
L21
260
L11
270
260
L22
L12
253
251

FIG. 8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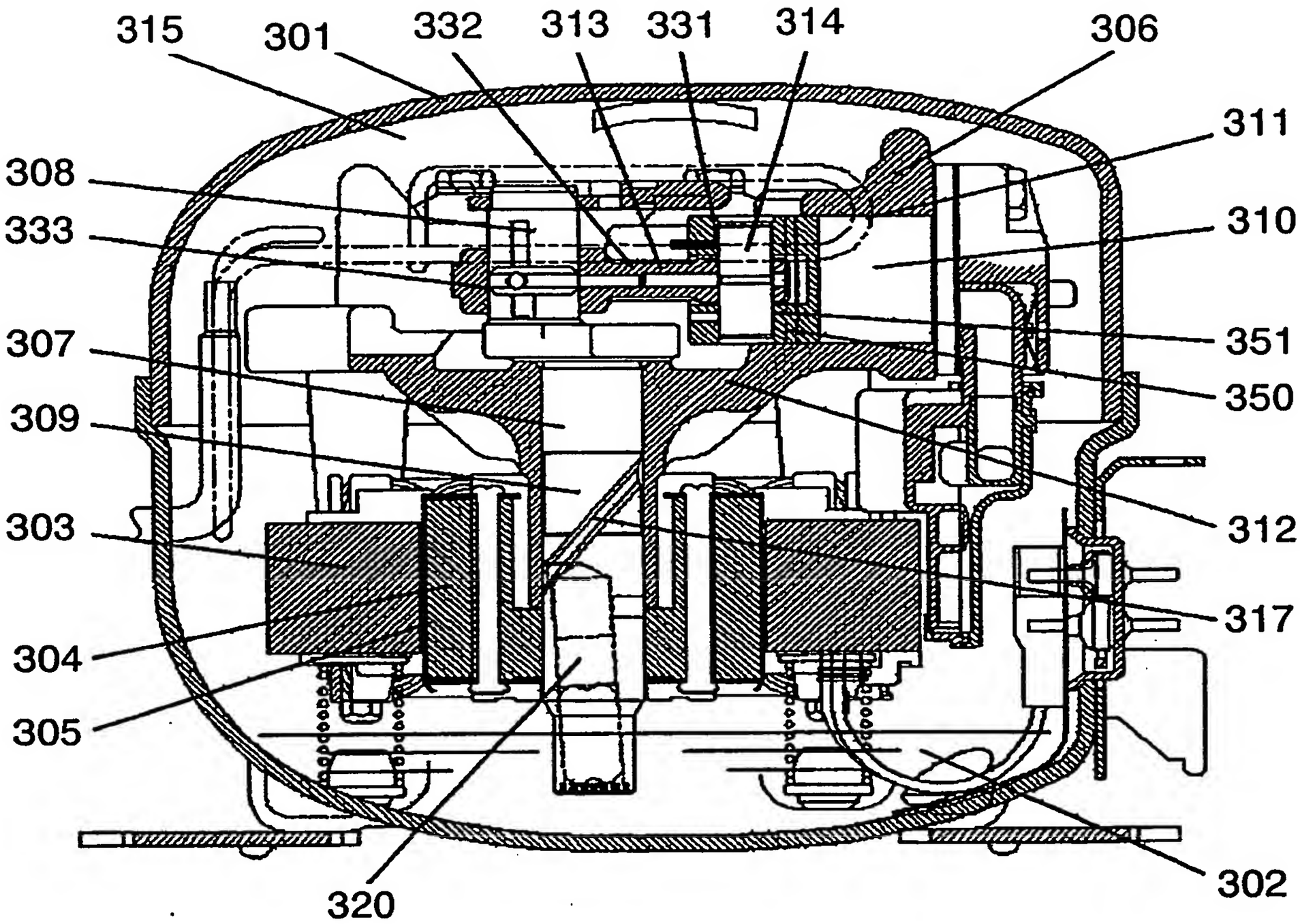
250
260
280
270
P
H
f1
f2
Q
F
231
214
211
L
232
213
233
S
O
208
295
207
296

FIG. 9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332
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308
333
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307
351
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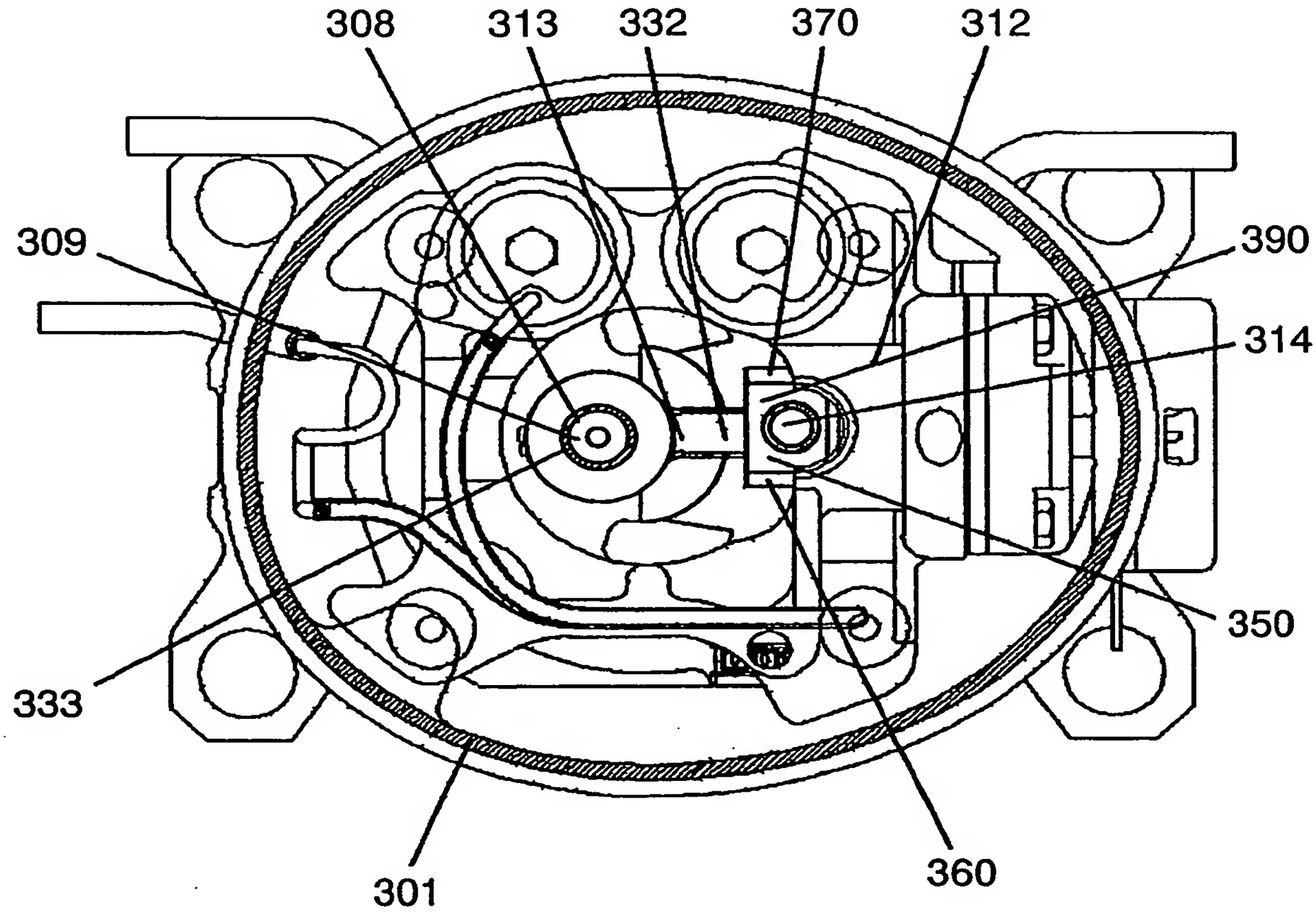
309
312
303
317
304
305
320
302

FIG. 10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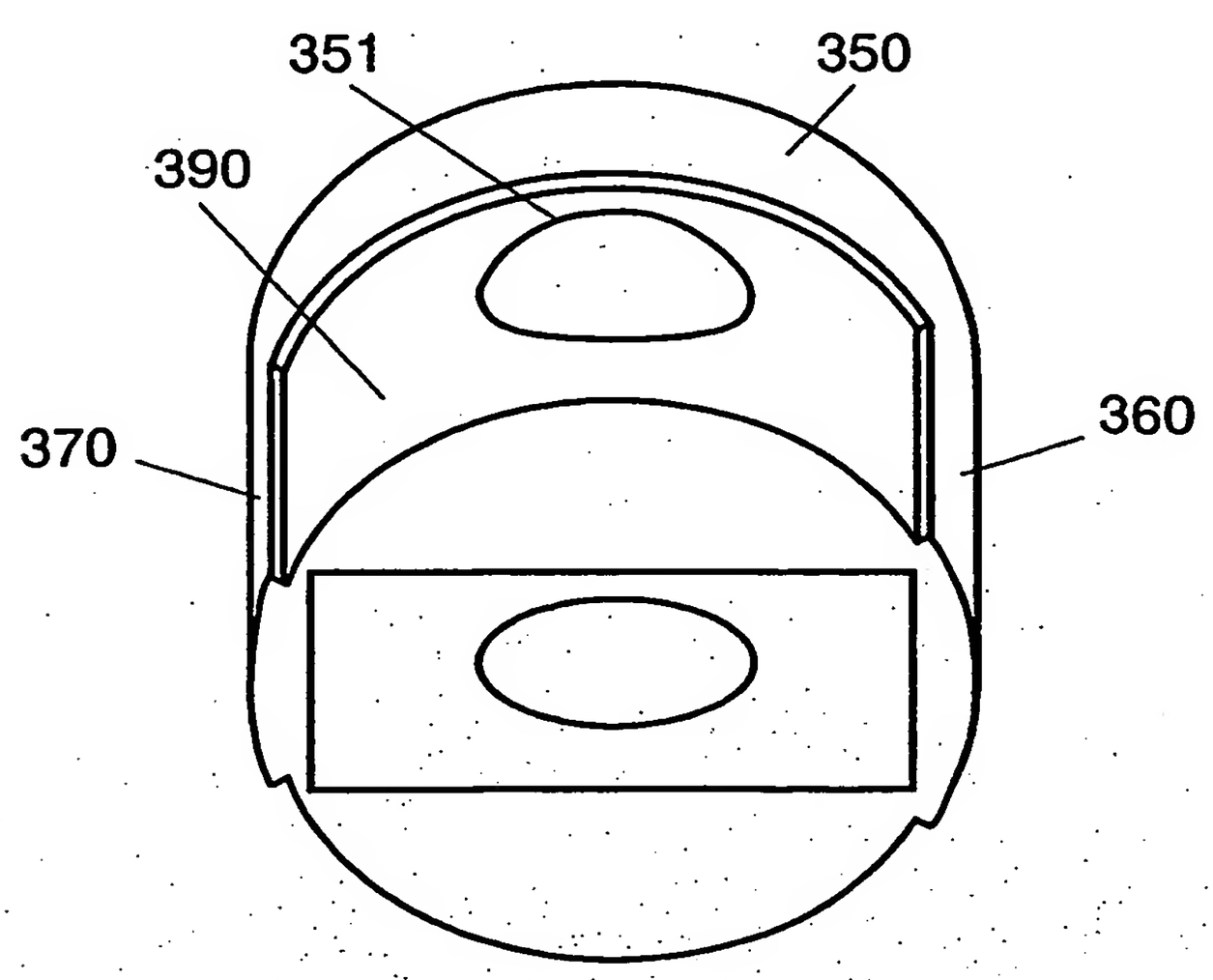
313
332
370
312
309
390
314
350
333
301
360

FIG. 11


351
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390
370
360

FIG. 12

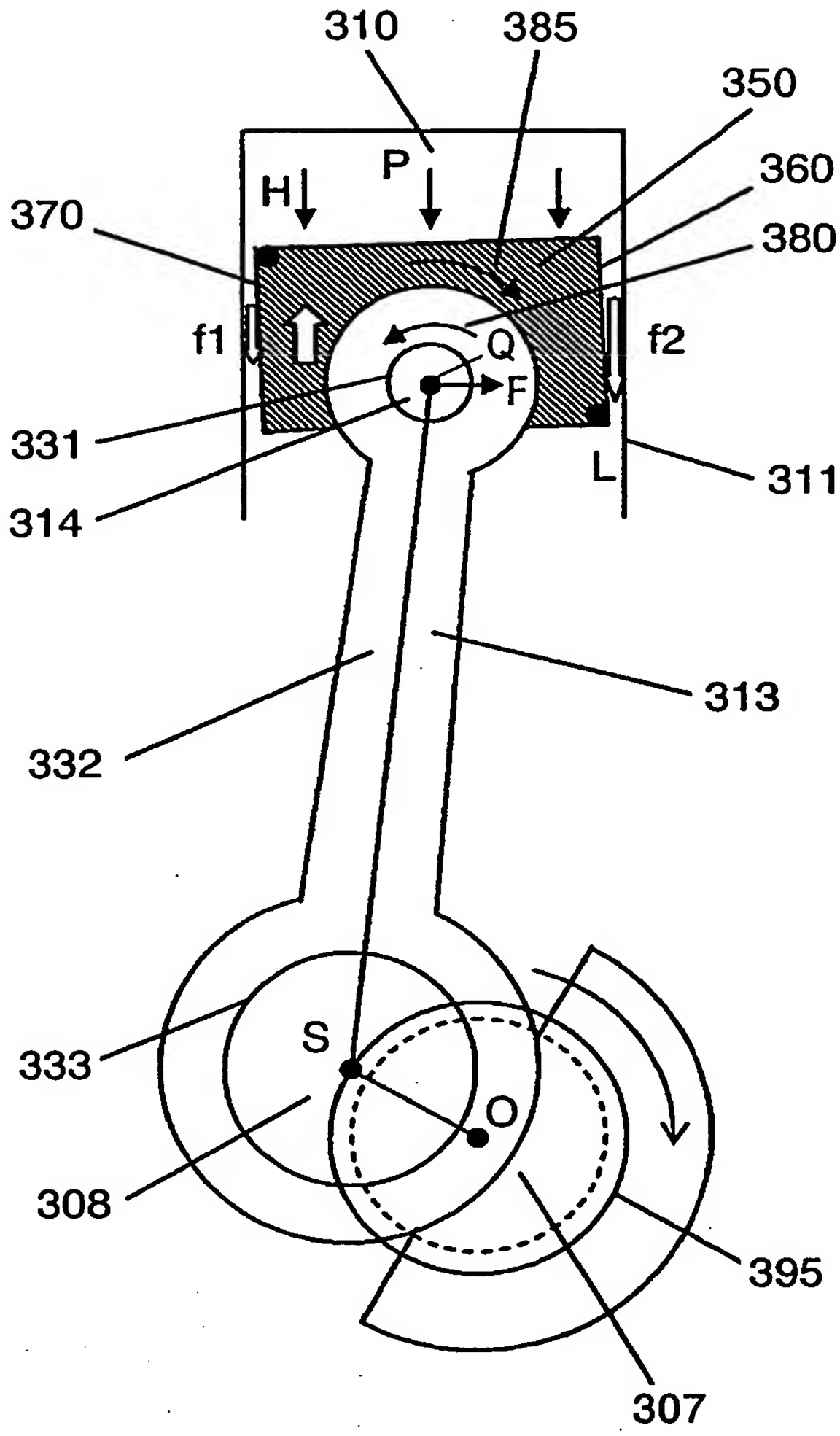

310
385
350
360
380
370
H
P
f1
f2
Q
F
331
314
L
311
313
332
333
S
O
308
395
307

FIG. 13

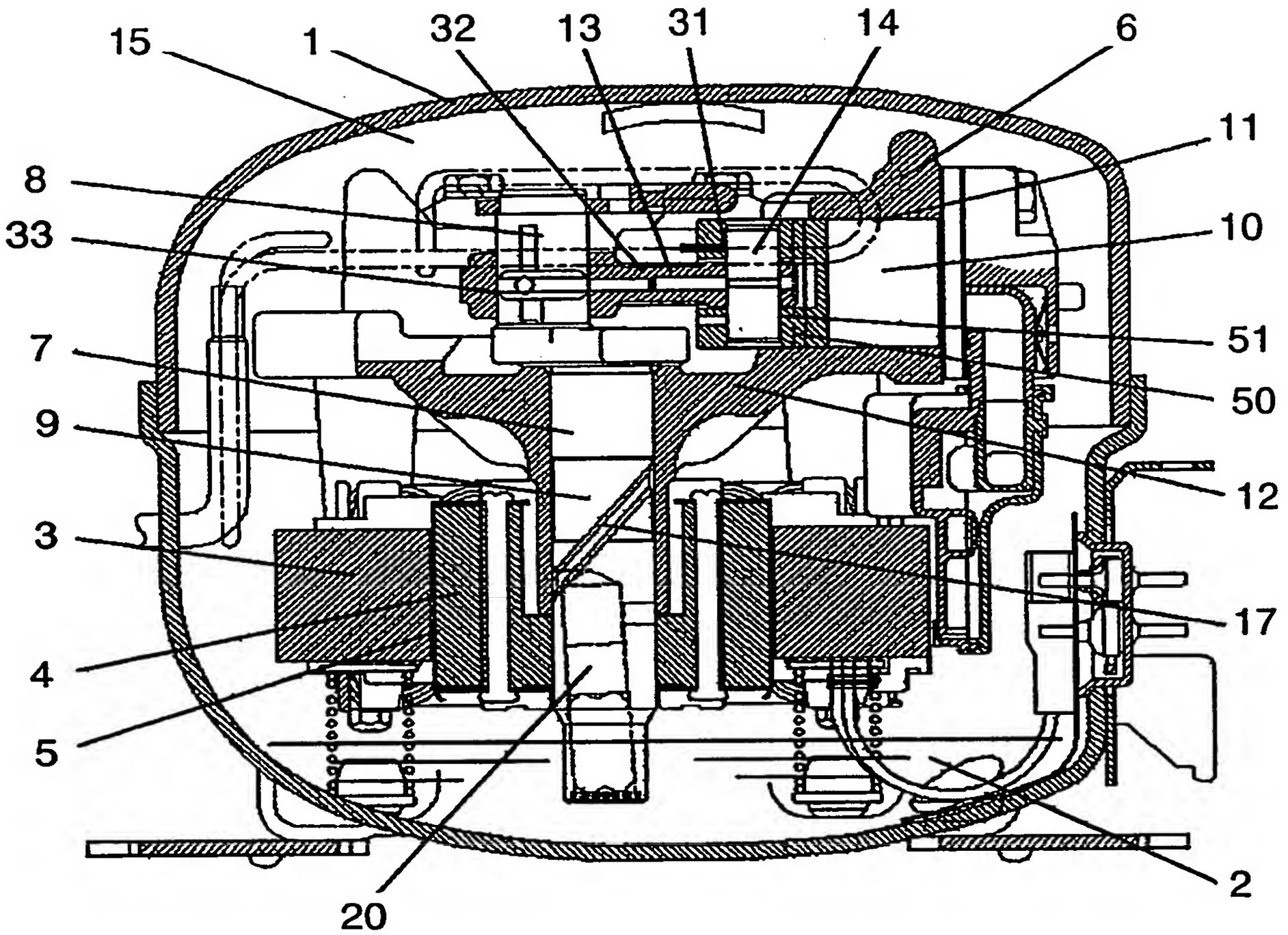


FIG. 14

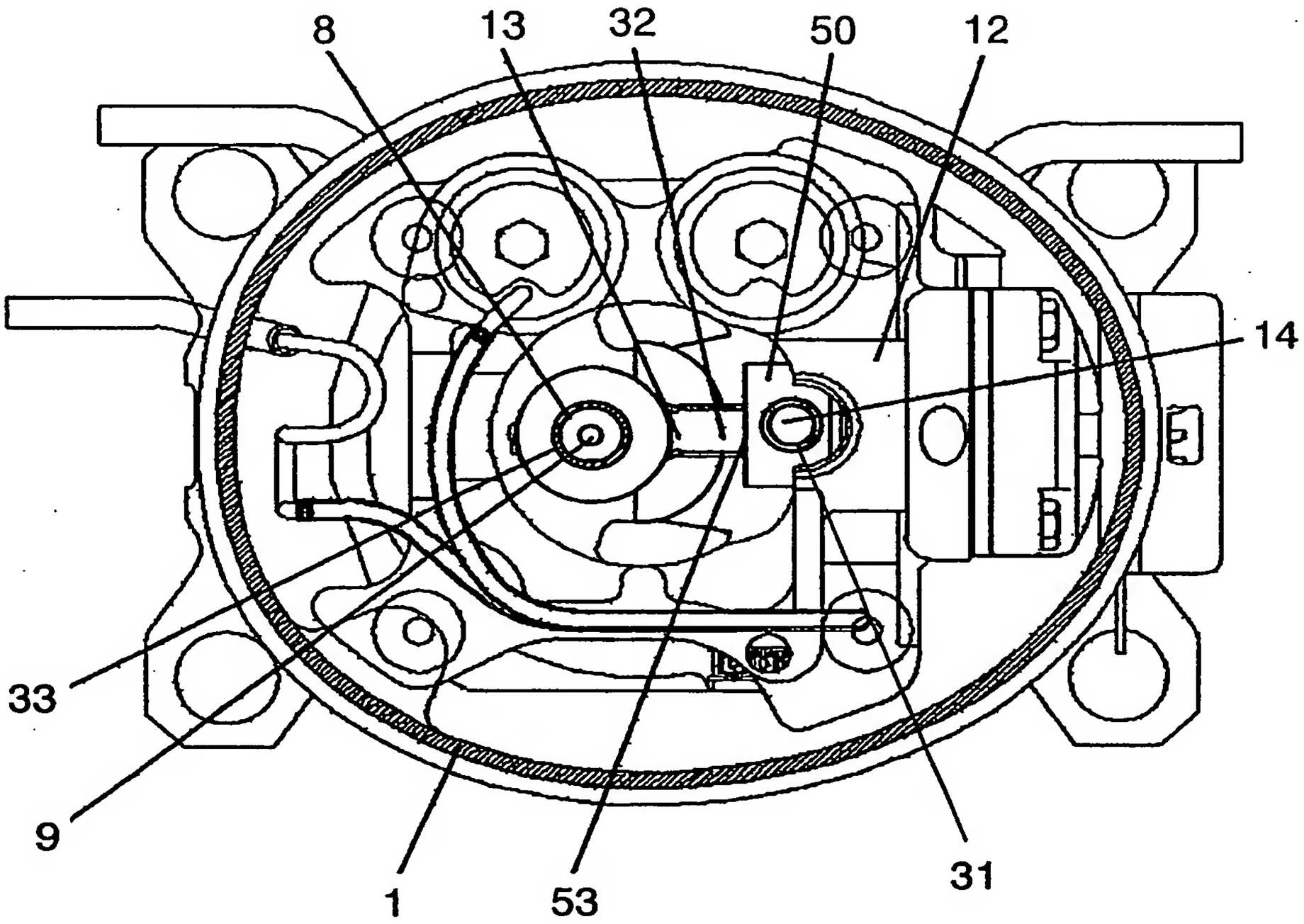
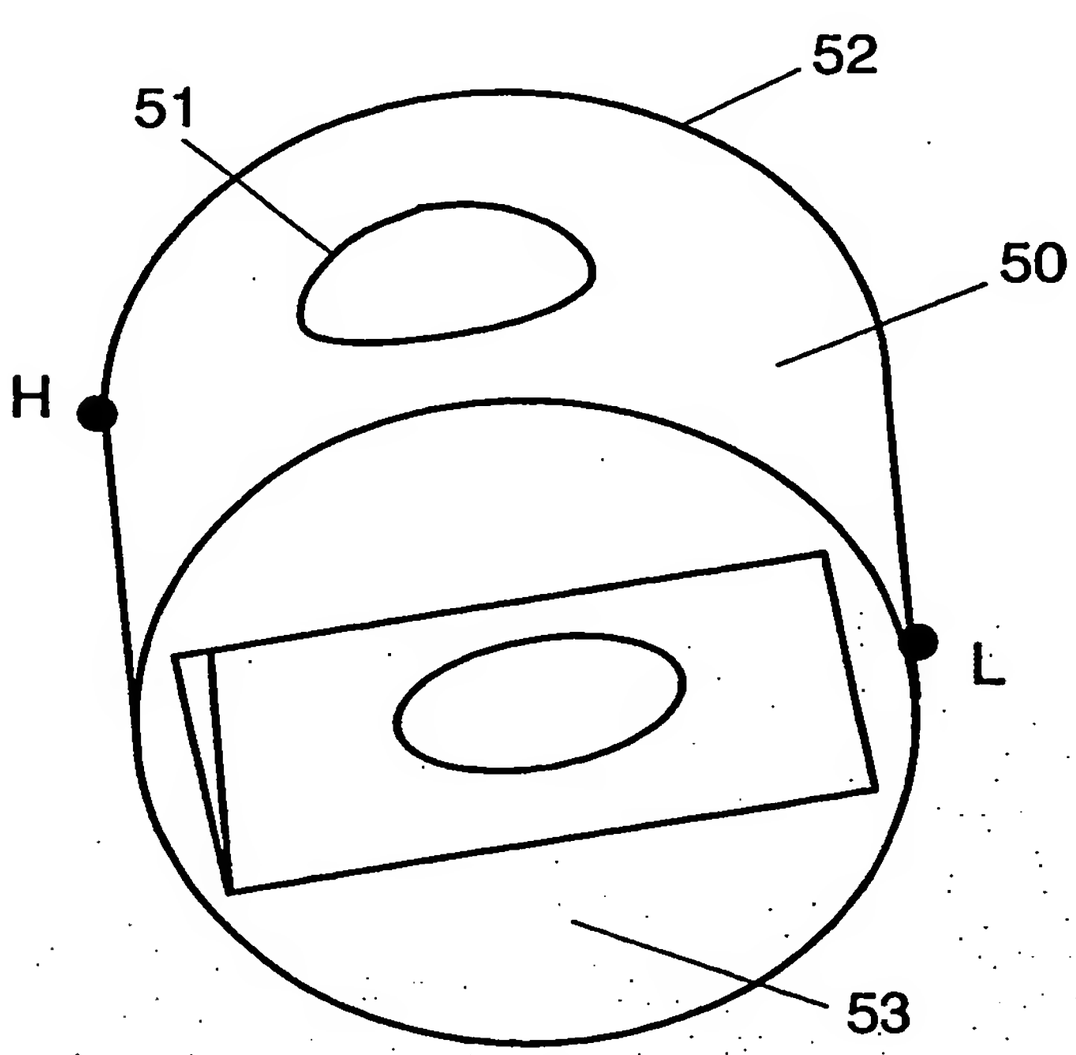


FIG. 15



Reference numerals in the drawings

101, 201, 301	sealed housing
102, 202, 302	oil
103, 203, 303	stator
104, 204, 304	rotor
105, 205, 305	motor element
106, 206, 306	compression element
107, 207, 307	main shaft
108, 208, 308	eccentric shaft
109, 209, 309	crankshaft
110, 210, 310	compression chamber
111, 211, 311	cylinder bore
112, 212, 312	cylinder block
113, 213, 313	connection structure
150, 250, 350	piston
160, 260	circumferential surface at compressing load side
170, 270	circumferential surface at anti-compressing load side
252	piston top surface
253	piston skirt surface
290, 390	area of no sliding-contact
360	sliding-contact surface at compressing load side
370	sliding-contact surface at anti-compressing load side